

POOR LEGIBILITY

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DUE TO THE QUALITY OF THE ORIGINAL**

INVESTIGATION NUMBER T (8 6) 0 1 8

EPA I.D. NUMBER CAD041512427

EPA Region 9 TSCA Section 6 PCB Inspection Report

FACILITY NAME: General Dynamics Convair Division

STREET ADDRESS: 3302 Pacific Highway

San Diego, CA 92101

MAILING ADDRESS: P.O. Box 85377

San Diego, CA 92138

PHONE#: (619) 542-8585

FACILITY TYPE: Environmental Resources Management Office

REPRESENTATIVE(S): Joe Dragonetti, Senior Facilities Engineer
(Name & Title)

Jeff Stumpf, Industrial Hygienist

A.V. Skiles, Environmental Resources Manager

INSPECTOR(S): (LEAD) Ayn E. Schmit

(2nd) Frances C. Schultz

INSPECTION DATE: November 15, 1985

INVESTIGATION CLOSED: February 4, 1986

REPORT DATE: March 16, 1986

SUBPART B
§761.30Inspection Record ReviewAuthorization:

- *There are no inspection requirements for PCB contaminated transformers or PCB capacitors.
- *Inspection requirements are for all transformers above 500 ppm PCB in use and in storage for reuse.

- N.A. YES NO Does the facility have any transformers in use/in storage for reuse:
 - above 500 ppm PCB?
 N.A. YES NO - above 60,000 ppm PCB?
 N.A. YES NO Does the facility have any PCB transformers in use/in storage for re-use which have been determined to pose an exposure risk to food or feed?
 YES NO Are inspection documents available?
 If YES above, complete the following page:

Quarterly Inspections:

- *Required for transformers 60,000 ppm PCB or greater:
- *Inspections must take place: Jan - March

Apr - June
 July - Sept
 Oct - Dec

- N.A. YES NO (1) Are all quarterly inspection records available? (since May 1981)

If NO, list missing quarters: _____

- YES NO (2) Is there a minimum of 30 days between inspections?

Annual Inspections:

- *Required for: _____ Transformers 500-60,000 ppm PCB
- _____
 _____ Transformers > 60,000 ppm PCB with 100% containment

- N.A. YES NO (3) Are all annual inspection records available? (since May 1981)

If NO, list missing years: _____ Transformers with 500-60,000 ppm
 _____ are included in the quarterly inspection program.

- YES NO (4) Is there a minimum of 180 days between inspections?

Weekly Inspections:

- *Required for all PCB transformers posing exposure risk to food/feed.
*Transformer owner must make final determination of exposure risk.

N.A. YES NO

- (5) Are all weekly inspection records available? (since May 1981)

If NO, list missing records: _____

Contents of Inspection Records:

- (6) All Inspection records must include the following for each transformer:

YES NO

Date of Inspection.

YES NO

Person performing inspection.

N.A. YES NO

Date leak was discovered (if different from inspection date).

N.A. YES NO

Location of leak.

N.A. YES NO

Estimated amount of dielectric fluid released.

N.A. YES NO

Date of cleanup, containment or repair

N.A. YES NO

Discussion of cleanup, containment or repair.

N.A. YES NO

Results of containment and daily inspection for uncorrected leak.

YES NO

- (7) Inspection records maintained by facility for 3 years.

COMMENTS The inspection record form fails to provide space for the required information regarding leaks, especially the form used from 3rd quarter 1984 on. Even in the case of major leaks, such as the one from the Column C-16 substation (see Report No. T(86)E017), no records are available to document nature and extent of clean-up activities. Further, the inspection records in numerous cases fail to document

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REPORT ADDENDUM

existing leaks. Of 12 leaks noted during our inspection, the facility had noted only 1 in their most recent inspection, conducted 10-5-85.

In addition, the inspection records do not contain an accurate inventory of existing PCB transformers. For example, a General Electric Pyranol transformer, #C-503430, is not shown on the inspection records. It must be assumed that the facility has failed to conduct the required quarterly inspections of that transformer. Our inspection showed that it was leaking. And only 1 transformer is indicated in the Building 1 ground floor Column B-27 substation, when in fact there are 3 PCB transformers in the substation.

Inspection records for 1983 on are included as Attachment 1.

SUBPART J RECORDS AND REPORTS**S761.180(a) Annual Document: PCB Items In Service/Projected for Disposal**

*Annual document required since July 2, 1978.

*Facility must maintain Annual Document 5 years after its last use or storage of PCBs.

- (1) Facility must have an Annual Document if using or storing at one time (check all applicable):

- 50 or more high or low voltage capacitors
X 99.4 lbs (45 kilos) PCBs in containers
X 1 or more PCB transformer(s)

If facility has any of the above, complete the following page:

- YES NO (2) Is annual document presented by July 1 for previous calendar year? If NO, document dates with discrepancies:

No annual documents have been prepared by General Dynamics.

- YES NO (3) Has facility maintained Annual Document 5 years after its last use or storage of PCBs?

Annual Document must include:

- (4) Dates when PCBs and PCB items are

INCLUDED/ABSENT

- X Removed from service.
X Stored for disposal.
X Transported for disposal.

- (5) A summary of quantities of PCBs and PCB Items remaining in service at the end of the calendar year:

INCLUDED/ABSENT

- X Total weight in kilos of PCBs and PCB Items in containers, including identification of contents (e.g. soil)
- X Total number of PCB transformers and total weight in kilos of PCBs in transformers
- X Total number of PCB capacitors
- X Total weight in kilos of other PCBs
-
-

- (6) A summary of quantities of PCBs and PCB Items removed from service during the calendar year:

- X Total weight in kilos of PCBs and PCB Items in containers, including identification of contents (e.g. soil)
- X Total number of PCB transformers and total weight in kilos of PCBs in transformers
- X Total number of PCB capacitors
- X Total weight in kilos of other PCBs
-
-

- (7) For PCBs and PCB Items removed from service:

- X Location of initial disposal or storage facilities
- X Name of owner or operators of facility.
-

COMMENTS Some of the information required for the annual document might be available from other company records. However, there are a number of discrepancies in the documents that do exist, and much of the required information is simply not available.

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REPORT ADDENDUM

For example, inspection records show that 14 transformers were removed from service in 4/84; however, manifests provided by General Dynamics indicate that 22 transformers were removed for disposal.

The only records providing any information on disposal are manifests for disposal during 1984. Those are included as Attachment 2. Documents concerning the retrofilling of transformers are included as Attachment 3.

SUBPART J RECORDS AND REPORTS§761.180(b) Storage and Disposal Facilities

*Storage/disposal document required since July 1, 1979.

*PCB storage and disposal facilities must maintain records 5 years after their last storage of PCBs.

YES NO (1) Does facility store or dispose of PCBs or PCB Items?

YES NO (2) Facility must compile storage records each July 1 for previous year. If NO, list discrepancies or dates for which storage/disposal document is unavailable:

General Dynamics does not maintain any storage/disposal

document for their Building 1 storage for disposal facility.

YES NO (3) Has facility maintained storage/disposal document 5 years after their last storage or disposal of PCBs?

Storage/disposal document must include:

INCLUDED/ABSENT

(4) Date when PCBs and PCB Items were received for storage or disposal and identification of the facility and owner/operator from whom received.
X

(5) Date when PCBs and PCB items were disposed of at the facility or transferred to another facility (including ID of what was stored or disposed of).
X

(6) Summary of total weight in kilos of PCBs/PCB articles in containers (including ID of contents) and total weight of PCBs in transformers:
X received
X transferred (including ID of new facility)
X remaining

(7) Total number of PCB articles or PCB equipment not in containers (including specific ID of articles or equipment):
X received
X transferred (including ID of new facility)
X remaining

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POTENTIAL VIOLATIONS

SUBPART B -- USE OF PCBs AND PCB ITEMS

§761.30(a)(1)(ix) The facility failed to conduct quarterly inspections of all PCB transformers. Inspections which were conducted failed to note existing leaks of PCB dielectric fluid.

(x) The facility failed to conduct daily inspections of PCB transformers identified as having leaks.

(xii) Facility inspection records failed to include information about the location and amount of leaks and about cleanup and containment measures.

SUBPART J -- RECORDS AND REPORTS

§761.180(a) The facility failed to prepare and maintain an annual document concerning the disposition of PCB items in service.

(b) The facility failed to prepare and maintain a document concerning the disposition of items placed in storage for disposal and removed for disposal.

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REPORT ATTACHMENTS

1. Quarterly transformer inspection records
2. PCB disposal records for 1984
3. Documentation of transformer retrofilling
4. TSCA Notice of Inspection
5. TSCA Inspection Confidentiality Notice
6. TSCA Receipt for Samples
7. EPA Chain of Custody Records No. 9-1582 and No. 9-1583

ATTACHMENT 1

INSPECTION RECORDS

FLUID TYPE

P = P.C.B.

D = DRY TYPE XFMR

O = OIL FILLED

I.D. NO S-SIN# MANUFACTURER

SERIAL NO.

DATE

INSPECTOR

CONDITION

AIR FUEL PLANT 19

1983

2/7

JGD

OK

P	R000861	1B1	GENERAL ELEC.	65793151			
P	R000862	1C15	WESTINGHOUSE	65793151			OK
P	R000863	1C23	GENERAL ELEC.	65793152			OK
P	R000864	1C29	GENERAL ELEC.	65793153			OK
P	R000865	1C7	WESTINGHOUSE	65793156			OK
O	R000867	10E5	GENERAL ELEC.	6861699			OK
O	R000868	10E5	WESTINGHOUSE	6932303			OK
P	R000869	1B27	WESTINGHOUSE	6931154			OK
P	R000870	1CC27	GENERAL ELEC.	6579314			LEAK
P	R000871	1CC15	GENERAL ELEC.	6417574			LEAK
P	R000872	1CC9	GENERAL ELEC.	6579312			LEAK
P	R000873	1CC22	GENERAL ELEC.	6579313			OK
P	R000874	1CC4	WESTINGHOUSE	2980045			LEAK
O	R000981	1UEA17	GENERAL ELEC.	9805237,8,9			OK
P	R000982	2B4	GENERAL ELEC.	7147123			OK
P	R000983	2C10	GENERAL ELEC.	6609155,6,7			OK
P	R000984	2CM27	GENERAL ELEC.	6579311			LEAK
P	R000985	2CC21	GENERAL ELEC.	6579315			LEAK
P	R000986	2CC15	GENERAL ELEC.	6579319			Leak
P	R000987	2CC9	GENERAL ELEC.	6579310			LEAK
P	R000988	2CC3	GENERAL ELEC.	6579309			LEAK
O	R000989	20E26	PA TRANS CO.	24171,2,3,4			OK
O	R000990	20W28	GENERAL ELEC.	B342931,0,2			OK

P	R001180	388	GENERAL ELEC.	0856755	OK
P	R001181	3823	GENERAL ELEC.	0856754	OK
P	R001182	3003	GENERAL ELEC.	6417610	OK
P	R001183	309	GENERAL ELEC.	08563472	LEAK
P	R001184	3009	GENERAL ELEC.	6579316	LEAK
P	R001185	30015	GENERAL ELEC.	6579318	LEAK
P	R001186	30021	GENERAL ELEC.	6417609	LEAK
P	R001187	3024	GENERAL ELEC.	08563473	OK
P	R001188	30022	KUHLMAN & G.E.	6579317	LEAK
P	R001189	4R82	LINE MATERIAL	1408449	OK
P	R001219	4CA10	WESTINGHOUSE	NUNE	LEAK
O	R001254	8007	GENERAL ELEC.	0856153	OK
O	R001255	8007	WESTINGHOUSE	6937302	OK
O	R001267	50B1	GENERAL ELEC.	0856750	OK
P	R001346	40WC27	KUHLMAN	954905	OK
P	R001347	4A22	GENERAL ELEC.	7224429	OK
P	R001449	2/UA15	GENERAL ELEC.	7338840	OK
D	R001405	2/UF9	WAGNER	D9F8377	LEAK
D	R001724	7A10	WAGNER	D9F8375	OK
P	R001730	7RB11	GENERAL ELEC.	6579308	OK
R002554	PRGL01	L			OK
R002555	PRGL01	L			OK
R002558	FR L01	L			OK
R002559	70/S	REMOVED	D9F8069/370		OK
P	R002562	3ME20	GENERAL ELEC.	C503430	OK
O	R002563	PEB DV	GENERAL ELEC.	6490210	OK
C	R002645	2M07	NO NAME PLATE		OK
D	R002838	0/S 28	MATRA ELECTRIC	8038-1	OK

FLUID TYPE

P = P.C.B.

D = DRY TYPE XFMR

O = OIL FILLED

J.I. NO	S-SIN#	MANUFACTURER	SERIAL NO.	DATE	INSPECTOR	CONDITION
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AIR FORCE PLANT 19

P	R000861	1B1	GENERAL ELEC.	6856751	5/11/3	SD	OK
P	R000862	1C15	WESTINGHOUSE	6937301		SD	OK
P	R000863	1C23	GENERAL ELEC.	6856752		SD	OK
P	R000864	1C29	GENERAL ELEC.	6856753		SD	OK
P	R000865	1C7	WESTINGHOUSE	6937296		SD	OK
O	R000866	10E5	GENERAL ELEC.	6861699		SD	OK
O	R000868	10E5	WESTINGHOUSE	6937303		SD	OK
P	R000869	1B27	WESTINGHOUSE	6937304		SD	OK
P	R000870	1CC27	GENERAL ELEC.	6579314		SD	LEAK
P	R000871	1CC15	GENERAL ELEC.	6417574		SD	LEAK
P	R000872	1CC9	GENERAL ELEC.	6579312		SD	LEAK
P	R000873	1CC22	GENERAL ELEC.	6579313		SD	OK
P	R000874	1CC4	WESTINGHOUSE	2980045		SD	LEAK
O	R000981	1UEA17	GENERAL ELEC.	9805237,8,9		SD	OK
P	R000982	2B4	GENERAL ELEC.	7147123		SD	OK
P	R000983	2C10	GENERAL ELEC.	6609155,6,7		SD	OK
P	R000984	2CM27	GENERAL ELEC.	6579311		SD	LEAK
P	R000985	2CC21	GENERAL ELEC.	6579315		SD	LEAK
P	R000986	2CC15	GENERAL ELEC.	6579319		SD	LEAK
P	R000987	2CC9	GENERAL ELEC.	6579310		SD	LEAK
P	R000988	2CC3	GENERAL ELEC.	6579309		SD	LEAK
O	R000989	2OE26	PA TRANS CO.	24171,2,3,4		SD	OK
O	R000990	2OW28	GENERAL ELEC.	B342931,0,2		SD	OK

5/11/3

P	R001180	388	GENERAL ELEC.	C856755		OK
P	R001181	3823	GENERAL ELEC.	C856754		OK
P	R001182	3003	GENERAL ELEC.	6417610		OK
P	R001183	309	GENERAL ELEC.	0583472		LEAK
P	R001184	3009	GENERAL ELEC.	6579316		LEAK
P	R001185	30015	GENERAL ELEC.	6579318		LEAK
P	R001186	30021	GENERAL ELEC.	6417609		LEAK
P	R001187	3024	GENERAL ELEC.	0583473		OK
P	R001188	30027	KUHLMAN & G.E.	6579317		LEAK LEAK
P	R001189	4RR2	LINE MATERIAL	1408449		OK
P	R001190	4LA10	WESTINGHOUSE	NUNE		LEAK
O	R001204	8007	GENERAL ELEC.	C856153		OK
O	R001205	8007	WESTINGHOUSE	6937302		OK
O	R001206	5081	GENERAL ELEC.	C856750		OK
O	R001207	4UWC27	KUHLMAN	954905		OK
P	R001208	4A22	GENERAL ELEC.	7224429		OK
P	R001209	4UA17	GENERAL ELEC.	7338840		OK
D	R001210	2ZUE4	WAGNER	I9F8377		LEAK
D	R001211	2Z410	WAGNER	I9F8375		OK
P	R001212	3K0	GENERAL ELEC.	6579308		OK
P	R001213	30001	L			OK
P	R001214	PKBL01	L			OK
P	R001215	45-101	L			OK
P	R001216	ZUZS	REMOVED	I9F8069/370		OK
P	R001217	3ME20	GENERAL ELEC.	C503430		OK
O	R001218	PEI OV	GENERAL ELEC.	6490210		OK
C	R002645	2MD7	NO NAME PLATE			OK
D	R002838	0/S 28	MATRA ELECTRIC	8038-1		OK

FLUID TYPE

P = P.C.B.

D = DRY TYPE XFMR

O = OIL FILLED

I.D. NO	S-SIN#	MANUFACTURER	MODEL NO.	DATE	INSPECTOR	CONDITION
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AIR FORCE PLANT 19

P	R000861	1B1	GENERAL ELEC.	6856751	8/18/62 JHO	OK
P	R000862	1C15	WESTINGHOUSE	6937301		OK
P	R000863	1C23	GENERAL ELEC.	6856752		OK
P	R000864	1C29	GENERAL ELEC.	6856753		OK
P	R000865	1C7	WESTINGHOUSE	6573296		OK
O	R000867	10E3	GENERAL ELEC.	6861699		OK
O	R000868	10E5	WESTINGHOUSE	6937303		OK
P	R000869	1B27	WESTINGHOUSE	6011134		OK
P	R000870	1CC27	GENERAL ELEC.	6579314		LEAK
P	R000871	1CC15	GENERAL ELEC.	6417574		LEAK
P	R000872	1CC9	GENERAL ELEC.	6579312		LEAK
P	R000873	1CC22	GENERAL ELEC.	6579313		OK
P	R000874	1CC4	WESTINGHOUSE	2980045		LEAK
O	R000981	1UEA17	GENERAL ELEC.	9805237,8,9		OK
P	R000982	2B4	GENERAL ELEC.	7147123		OK
P	R000983	2C10	GENERAL ELEC.	6609155,6,7		OK
P	R000984	2CM27	GENERAL ELEC.	6579311		LEAK
P	R000985	2CC21	GENERAL ELEC.	6579315		LEAK
P	R000986	2CC15	GENERAL ELEC.	6579319		LEAK
P	R000987	2CC9	GENERAL ELEC.	6579310		LEAK
P	R000988	2CC3	GENERAL ELEC.	6579309		LEAK
O	R000989	20E26	PA TRANS CO.	24171,2,3,4		OK
O	R000990	20W28	GENERAL ELEC.	B342931,0,2		OK

P	R001189	388	GENERAL ELEC.	C856755	8/18/83	DW	OK
P	R001181	3823	GENERAL ELEC.	C856754			OK
P	R001183	3803	GENERAL ELEC.	6417610			OK
P	R001187	389	GENERAL ELEC.	C583472			LEAKING
P	R001184	3819	GENERAL ELEC.	6579316			LEAKING
P	R001185	38015	GENERAL ELEC.	6579318			LEAKING
P	R001186	38021	GENERAL ELEC.	6417609			LEAKING
P	R001187	38024	GENERAL ELEC.	C583473			OK
P	R001188	38027	KUHLMAN & G.E.	6579317			NEALING
P	R001189	4KB2	LINE MATERIAL	1408449			OK
P	R001190	4LA10	WESTINGHOUSE	NUNE			LEAKING
O	R001254	80B7	GENERAL ELEC.	C856153			OK
O	R001255	80B7	WESTINGHOUSE	6937302			OK
O	R001261	5UB1	GENERAL ELEC.	C856750			OK
R	R001346	40WC27	KUHLMAN	954905			OK
P	R001347	4A22	GENERAL ELEC.	7224429			OK
P	R001348	7UA15	GENERAL ELEC.	7338840			OK
D	R001406	7UF9	WAGNER	B9F8377			LEAKING
D	R001424	7A10	WAGNER	B9F8375			OK
P	R001450	7R1	GENERAL ELEC.	6579308			OK
R	R002354	PRGL01	L				OK
R	R002355	PRGL01	L				OK
R	R002356	PRGL01	L				OK
R	R002357	7U/S	REMOVED	B9F8069/370			OK
P	R002562	3ME20	GENERAL ELEC.	C503430			OK
O	R002563	PEI UV	GENERAL ELEC.	6490210			OK
R	R002645	2M017	NO NAME PLATE				OK
D	R002838	0/S 28	MATRA ELECTRIC	8038-1			OK

FLUID TYPE
 P = P.C.B.
 D = DRY TYPE XFMR
 O = OIL FILLED

ITEM. NO.	S-SIN#	MANUFACTURER	MODEL NO.	DATE	INSPECTOR	CONDITION
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AIR FURGE PLANT 19

(83)

P	R000861	181	GENERAL ELEC.	6856751	11/10	JJD	OK
P	R000862	1015	WESTINGHOUSE	6737301	1	1	OK
P	R000863	1023	GENERAL ELEC.	6856752			OK
P	R000864	1029	GENERAL ELEC.	6856753			OK
P	R000865	107	WESTINGHOUSE	6737296			OK
O	R000867	10E5	GENERAL ELEC.	6861699			OK
O	R000868	10E5	WESTINGHOUSE	6932303			OK
P	R000869	1827	WESTINGHOUSE	68011134			OK
P	R000870	10027	GENERAL ELEC.	6579314			LEAK
P	R000871	10015	GENERAL ELEC.	6417574			LEAK
P	R000872	1009	GENERAL ELEC.	6579312			LEAK
P	R000873	10022	GENERAL ELEC.	6579313			OK
P	R000874	1004	WESTINGHOUSE	2980045			LEAK
O	R000981	10EA17	GENERAL ELEC.	9805237,8,9			OK
P	R000982	284	GENERAL ELEC.	7147123			OK
P	R000983	2C10	GENERAL ELEC.	6609155,6,7			OK
P	R000984	2CM27	GENERAL ELEC.	6579311			LEAK
P	R000985	2CC21	GENERAL ELEC.	6579315			LEAK
P	R000986	2CC15	GENERAL ELEC.	6579319			LEAK
P	R000987	2CC9	GENERAL ELEC.	6579310			LEAK
P	R000988	2CC3	GENERAL ELEC.	6579309			LEAK
O	R000989	20E26	PA TRANS CO.	24171,2,3,4			OK
O	R000990	20W28	GENERAL ELEC.	B342931,0,2	p	y	OK
				11/10	JJD		

	R001189	388	GENERAL ELEC.	C856755	11/10 P3 JTO	OK
P	R001181	3823	GENERAL ELEC.	C856754		OK
P	R001184	3003	GENERAL ELEC.	6417610		OK
P	R001185	309	GENERAL ELEC.	0583472		LEAK
P	R001184	3009	GENERAL ELEC.	6579316		LEAK
P	R001187	30015	GENERAL ELEC.	6579318		LEAK
P	R001186	30021	GENERAL ELEC.	6417609		LEAK
P	R001182	3024	GENERAL ELEC.	0583473		OK
P	R001188	30022	KUHLMAN & G.E.	6579317		LEAK
P	R001183	4RR2	LINE MATERIAL	1408449		OK
P	R001189	4LA10	WESTINGHOUSE	NUNE		LEAK
O	R001254	8007	GENERAL ELEC.	C856153		OK
O	R001256	8007	WESTINGHOUSE	6937302		OK
O	R001261	50B1	GENERAL ELEC.	C856750		OK
P	R001346	4UWC27	KUHLMAN	954905		OK
P	R001347	4A22	GENERAL ELEC.	7224429		OK
P	R001348	2/UA15	GENERAL ELEC.	7338840		LEAK
D	R001408	2/UF4	WAGNER	D9F8377		OK
D	R001729	2A10	WAGNER	D9F8375		OK
P	R001150	2RB11	GENERAL ELEC.	6579308		OK
P	R002519	PRGL01	L			OK
P	R002555	PRGL01	L			OK
P	R002558	PR L01	L			OK
P	R002559	70/S	REMOVED	D9F8069/370		OK
P	R002562	3ME20	GENERAL ELEC.	C503430		OK
O	R002563	PEI/UV	GENERAL ELEC.	6490210		OK
P	R002645	2M07	NO NAME PLATE			OK
D	R002838	0/S 28	MATRA ELECTRIC	8038-1	X9	OK

	R001180	388	GENERAL ELEC.	0856700	1/30 JHU	OK
P	R001181	3823	GENERAL ELEC.	0856754		OK
P	R001182	3003	GENERAL ELEC.	6417610		OK
P	R001183	309	GENERAL ELEC.	0583472		OK
P	R001184	3004	GENERAL ELEC.	6579316		OK
P	R001185	30015	GENERAL ELEC.	6579318		OK
P	R001186	30021	GENERAL ELEC.	6417609		OK
P	R001187	3024	GENERAL ELEC.	0583473		OK
P	R001188	30027	KUHLMAN & G.E.	6579317		OK
P	R001189	4RR2	LINE MATERIAL	1408449		OK
P	R001190	4CA10	WESTINGHOUSE	NUNE		OK
O	R001194	8002	GENERAL ELEC.	0856153		OK
O	R001195	8007	WESTINGHOUSE	6937302		OK
O	R001196	50R1	GENERAL ELEC.	0856750		OK
R001197	40W027	KUHLMAN	954905			OK
P	R001198	4A22	GENERAL ELEC.	7224429		OK
P	R001199	7UA15	GENERAL ELEC.	7338840		OK
D	R001200	270F9	WAGNER	09F8377		OK
D	R001201	2610	WAGNER	09F8375		OK
P	R001202	50C1	GENERAL ELEC.	6579308		OK
R001203	2610	L				OK
R001204	2610	L				OK
R001205	2610	L				OK
R001206	2615	REMOVED		09F8069/370		OK
P	R001207	3ME20	GENERAL ELEC.	0503430		OK
O	R001208	FED UV	GENERAL ELEC.	6490210		OK
R001209	26017	NO NAME PLATE				OK
D	R001210	0/S 28	MATRA ELECTRIC	0038-1		OK

FLUID TYPE

P = P.C.B.

D = DRY TYPE XFMR

O = OIL FILLED

I.D. NO. S-SIN# MANUFACTURER SERIAL NO.

DATE INSPECTOR CONDITION

AIR FORCE PLANT 19

84

1/30

JD

OK

P	R000861	1B1	GENERAL ELEC.	6556751			
P	R000862	1C15	WESTINGHOUSE	6737501			
P	R000863	1C23	GENERAL ELEC.	6556752			
P	R000864	1C24	GENERAL ELEC.	6556753			
P	R000865	1C7	WESTINGHOUSE	6737296			
O	R000866	1D5	GENERAL ELEC.	68A1699			
O	R000868	1D55	WESTINGHOUSE	6737515			
P	R000869	1E27	WESTINGHOUSE	65111347			
P	R000870	1E27	GENERAL ELEC.	6579314			
P	R000871	1E615	GENERAL ELEC.	6417574			
P	R000872	1E69	GENERAL ELEC.	6579312			
P	R000873	1E622	GENERAL ELEC.	6579313			
P	R000874	1E64	WESTINGHOUSE	2480045			
O	R000981	1HEA17	GENERAL ELEC.	9305237,8,9			
P	R000982	2B4	GENERAL ELEC.	7147123			
P	R000983	2C10	GENERAL ELEC.	6509155,6,7			
P	R000984	2CM27	GENERAL ELEC.	6579311			
P	R000985	2CC21	GENERAL ELEC.	6579315			
P	R000986	2CC15	GENERAL ELEC.	6579319			
P	R000987	2CC9	GENERAL ELEC.	6579310			
P	R000988	2CC3	GENERAL ELEC.	6579309			
O	R000989	2DE26	PA TRANS CO.	24171,2,3,4			
O	R000990	2UW28	GENERAL ELEC.	8342931,0,2			

FLUID TYPE

P = P.C.B.

D = DRY TYPE XFMR

O = OIL FILLED

S = SILICONE

ITEM NO	S-SIN#	MANUFACTURER	MODEL NO.	DATE	INSPECTOR	CONDITION
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AIR FURNACE PLANT 19

P	R000861	1B1	GENERAL ELEC.	6556751	4/10	JTD	OK
P	R000862	1C15	WESTINGHOUSE	65567501	4/10	JTD	OK
P	R000863	1C23	GENERAL ELEC.	6556752	4/10	JTD	OK
P	R000864	1C24	GENERAL ELEC.	6556753	4/10	JTD	OK
P	R000865	1C7	WESTINGHOUSE	65567296	4/10	JTD	OK
O	R000867	10E5	GENERAL ELEC.	6861699	4/10	JTD	OK
O	R000868	10E5	WESTINGHOUSE	6937306	4/10	JTD	OK
S	R000869	1B27	WESTINGHOUSE	60111340		JTD	RETROFILLED W/SILICONE
D	R000870	1CC27	GENERAL ELEC.	6579314			REPLACED PCB W/DRY TYPE
S	R000871	1CC15	GENERAL ELEC.	6417574			RETROFILLED W/SILICONE
D	R000872	1CC9	GENERAL ELEC.	6579312			REPLACED PCB W/DRY TYPE
D	R000873	1CC22	GENERAL ELEC.	6579313			REPLACED PCB W/DRY TYPE
D	R000874	1CC4	WESTINGHOUSE	2980045			REPLACED PCB W/DRY TYPE
O	R000981	1UEA17	GENERAL ELEC.	9805237,8,9	4/10	JTD	OK
P	R000982	2B4	GENERAL ELEC.	7147123	4/10	JTD	OK
S	R000983	2C10	GENERAL ELEC.	6609155,6,7		JTD	RETROFILLED W/SILICONE
O	R000984	2CM27	GENERAL ELEC.	6579311			REPLACED PCB W/DRY TYPE
O	R000985	2CC21	GENERAL ELEC.	6579315			REPLACED PCB W/DRY TYPE
O	R000986	2CC15	GENERAL ELEC.	6579319			REPLACED PCB W/DRY TYPE
O	R000987	2CC9	GENERAL ELEC.	6579310			REPLACED PCB W/DRY TYPE
O	R000988	2CC3	GENERAL ELEC.	6579309			REPLACED PCB W/DRY TYPE
O	R000989	20E26	PA TRANS CO.	24171,2,3,4	4/10	JTD	OK
O	R000990	20W28	GENERAL ELEC.	B342931,0,2	4/10	JTD	OK

P	R001180	388	GENERAL ELEC.	C856755	4/10	JTD	OK
P	R001181	3823	GENERAL ELEC.	C856754	4/10	JTD	OK
O	R001182	3003	GENERAL ELEC.	6417610			LEAK REQUESTED FUNDING FROM USAF
P	R001183	309	GENERAL ELEC.	C583472	4/10		OK
D	R001184	3009	GENERAL ELEC.	6579316			REPLACED PCB W/DRY TYPE
D	R001185	30015	GENERAL ELEC.	6579318			REPLACED P.C.B. W/DRY TYPE
P	R001186	30021	GENERAL ELEC.	6417609	4/10	JTD	LEAK REQUESTED FUNDING FROM USAF
S	R001187	3024	GENERAL ELEC.	C583473		JTD	RETRO FILLED W/SILICONE
D	R001188	30027	KUHLMAN & G.E.	6579317			REPLACED P.C.B. W/DRY TYPE
P	R001218	4RR2	LINE MATERIAL	1408449	4/10	JTD	OK
D	R001219	4CA10	WESTINGHOUSE	NONE			REPLACED P.C.B W/DRY TYPE
O	R001254	8007	GENERAL ELEC.	C856153	4/10	JTD	OK
O	R001255	8007	WESTINGHOUSE	6937302	4/10	JTD	OK
O	R001267	5081	GENERAL ELEC.	C856750	4/10	JTD	OK
R	R001346	40WC27	KUHLMAN	954905	4/10	JTD	OK
P	R001347	4A22	GENERAL ELEC.	7224429			LEAK REQUESTED FUNDING FROM USAF
D	R001401	7UA15	GENERAL ELEC.	7338840			REPLACED P.C.B W/DRY TYPE
D	R001408	7UF4	WAGNER	D9F8377	4/10	JTD	OK
D	R001424	7A10	WAGNER	D9F8375	4/10	JTD	OK
P	R001430	7RB11	GENERAL ELEC.	6579308	4/10	JTD	OK
R001434 FR4LUT L							
R001455 FR4LUT D							
R001458 FR4LUT L							
R	R002559	70/S	REMOVED	D9F8069/370			
P	R002562	3ME20	GENERAL ELEC.	C503430	4/10	JTD	OK
O	R002563	PEO OV	GENERAL ELEC.	6490210	4/10	JTD	OK
D	R002645	2M07	NO NAME PLATE				
D	R002838	0/S 28	MATRA ELECTRIC	8038-1	4/10	JTD	OK

S.S. #	I.D. #	MANUFACTR	SERIAL #	VOLTAGE	KVA	COOLANT	WEIGHT	DATE	DATE	DATE
J07	R000861	GE	C856751	12KV/480/277	1000	380 PCB	14100	7/27/4	8/8/4	10/29/4
I07	R000865	WEST	6937276	12KV/480/277	500	310 PCB	11300			
I05	R000862	WEST	6937301	12KV/480/277	500	310 PCB	9400			
I05	R000863	GE	C856752	12KV/480/277	500	290 PCB	9300			
I05	R000864	GE	C856753	12KV/480/277	500	290 PCB	9300			
I05	R000867	GE	C861699	12KV/480/277	500	290/10C	7700			
I05	R000868	WEST	6937303	12KV/480/277	1000	460/10C	10751			
I0EA17	R000981	GE	9805237	4.8KV/120/208	250	170/10C	3450			
I0EA17	R000981	GE	9805238	4.8KV/120/208	250	170/10E	3450			
I0EA17	R000981	GE	9805239	4.8KV/120/208	250	170/10C	3450			
I0CC3	R003299	MGM		4.8KV/120/208	150	DRY				
I0CC9	R003297	MGM		4.8KV/120/208	225	DRY				
I0CC15	R000871	GE	6417574	4.8KV/120/120	300	SILICONE	6500			
I0CC21	R003298	MGM		4.8KV/120/298	225	DRY				
I0CC27	R003296	MGM		4.8KV/120/208	225	DRY				
I0Z7	R000869	WEST	{3011134}	4.8KV/480	250	SILICONE	4925			
I0Z7	R000869	WEST	{3011134}	4.8KV/480	250	SILICONE	4925			
I0Z7	R000869	WEST	{3011134}	4.8KV/480	250	SILICONE	4925			
Z04	R000982	GE	7147123	4.8KV/480	250	SILICONE	4925			
Z04	R000983	GE	6609155	4.8KV/480	400	SILICONE } D24	5475			
Z04	R000983	GE	6609156	4.8KV/480	400	SILICONE } D24	5475			
Z04	R000983	GE	6609157	4.8KV/480	400	SILICONE } D24	5475			
Z04	R000989	PA TRANS	24171	12KV/4.8KV	2000	1006/10C	21950			
Z04	R000989	PA TRANS	24172	12KV/4.8KV	2000	1006/10C	21960			
Z04	R000989	PA TRANS	24713	12KV/4.8KV	2000	1006/10C	21960			
Z04	R000989	PA TRANS	24714	12KV/4.8KV	2000	1006/10C	21960			
Z04	R000990	GE	B342930	4.8KV/480	167	89/10C	2250			
Z04	R000990	GE	B342931	4.8KV/480	167	89/10C	2250			
Z04	R000990	GE	B342932	4.8KV/480	167	89/10C	2250			
Z04	R000991	KUHLMAN	945506	4.8KV/480	200	169 PCB				
Z04	R003300	MGM		4.8KV/120/208	225	DRY				
Z04	R003301	MGM		4.8KV/120/208	225	DRY				
Z04	R003302	MGM		4.8KV/120/208	150	DRY				
Z04	R003303	MGM		4.8KV/120/208	225	DRY				
Z04	R003304	MGM		4.8KV/120/209	225	DRY				
Z04	R001180	GE	C856755	12KV/480/277	500	290 PCB	9300			
Z04	R001183	GE	C858472	12KV/480/277	500	300 PCB	10578			
Z04	R001181	GE	C856754	12KV/480/277	500	290 PCB	9300			
Z04	R001187	GE	C858473	12KV/480/277	500	SILICONE }	9300			
Z04	R001182	GE	6417610	4.8KV/480/203	400	228 PCB	3200			
Z04	R003305	MGM		4.8KV/480/208	225	DRY				
Z04	R003306	MGM		4.8KV/480/208	225	DRY				
Z04	R001186	GE	6417609	4.8KV/480/208	400	290-PCB D24	3200			
Z04	R003307	MGM		4.8KV/120/208	225	DRY				
Z04	R001213	LINE MAT.	1408449	4.8KV/120/208	75	PCB	1178			
Z04	R003309	MGM		4.8KV/120/208	100	DRY				
Z04	R001347	GE	7224429	4.8KV/120/208	50	43-PCB }				
Z04	R001347	GE	7224440	4.8KV/120/208	50	43-PCB }				
Z04	R001347	GE	7224441	4.8KV/120/208	50	43-PCB }				
Z04	R001346	KUHLMAN	954905	4.8KV/120/208	75	10C				
Z04	R001267	GE	C856750	4.8KV/480	1000	380/10C	11900			
Z04	R001729	MAGNER	D9F8375	4.8KV/480	100	DRY				
Z04	R001729	MAGNER		4.8KV/480	100	DRY				
Z04	R001729	MAGNER		4.8KV/480	100	DRY				
Z04	R001730	GE	6579308	4.8KV/120/208	200	TS P.	13147			
Z04	R001254	GE	C856153	12KV/480/277	1500	500/10C	14640			
Z04	R001255	WEST	6937302	12KV/480/277	1000	380/10C	11900			
Z04	R001347	MGM		4.8KV/480	75	DRY				
Z04	R002563	GE	6490210	4.8KV/	7.5	11/10C	200			